

FIG. 1
PRIOR ART

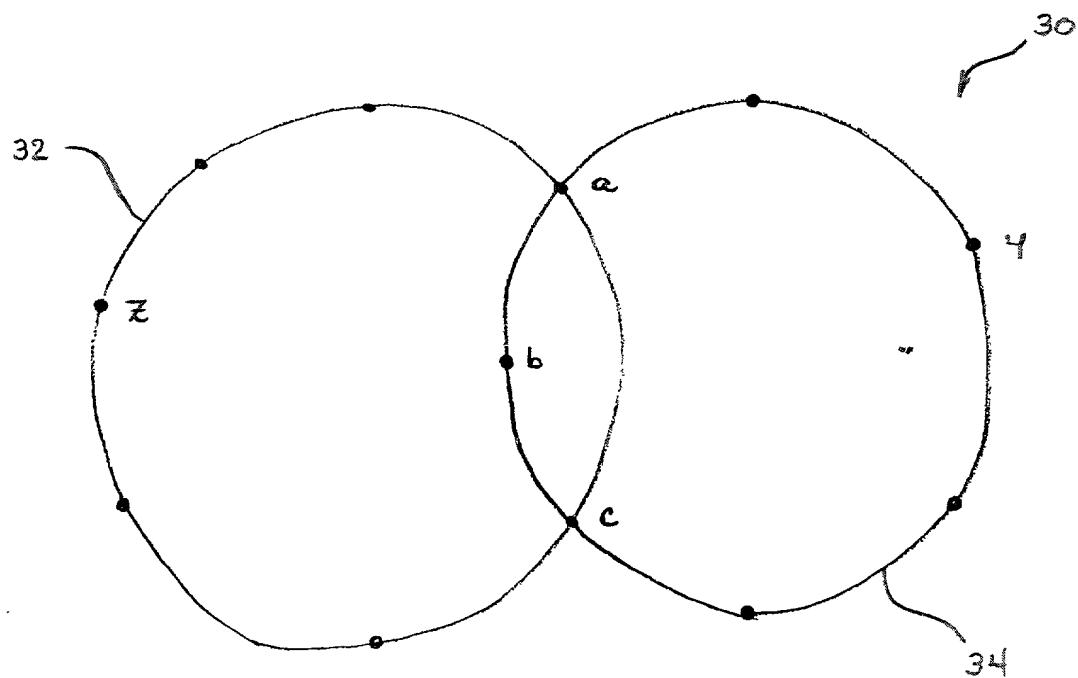


FIG. 2
PRIOR ART

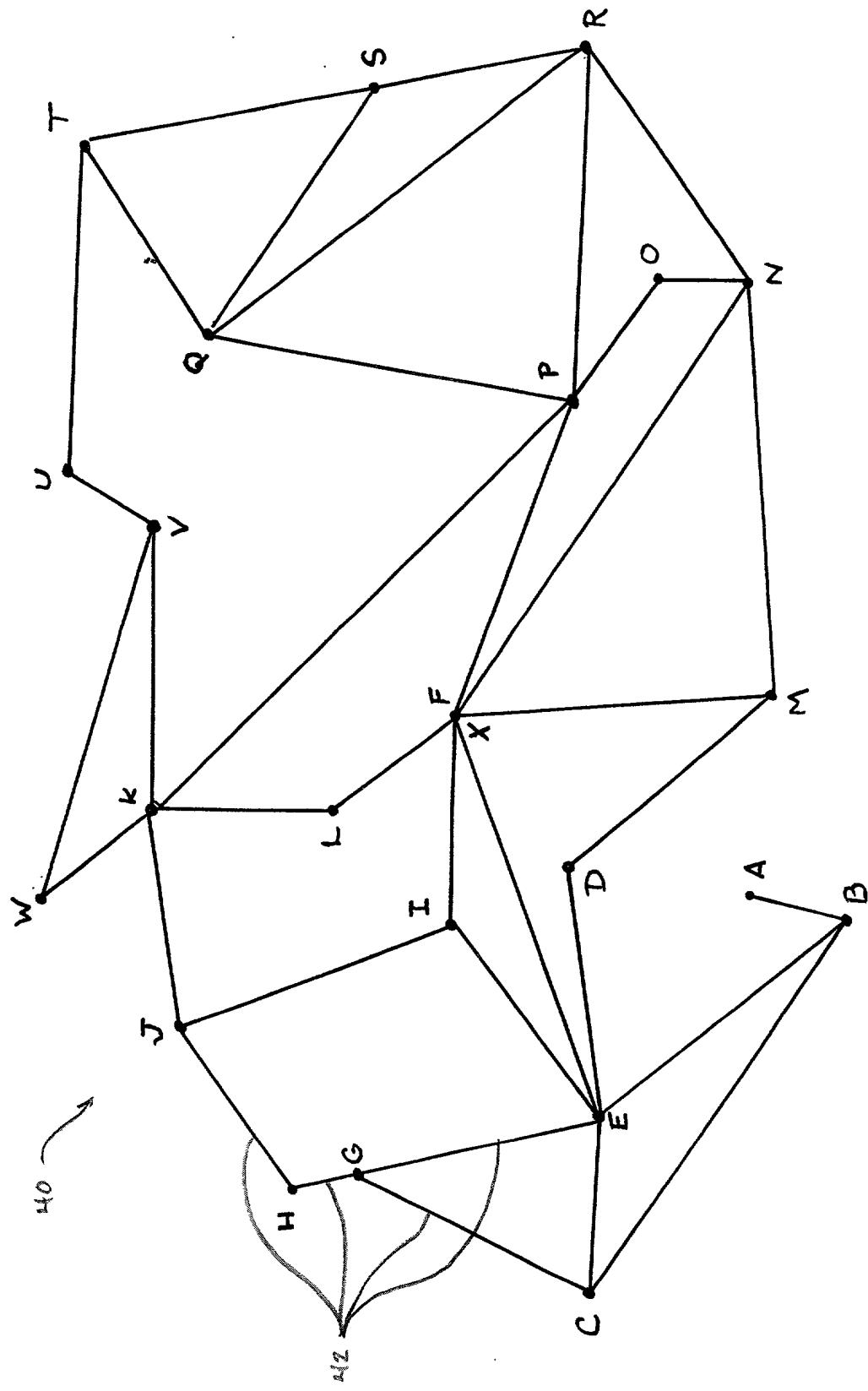
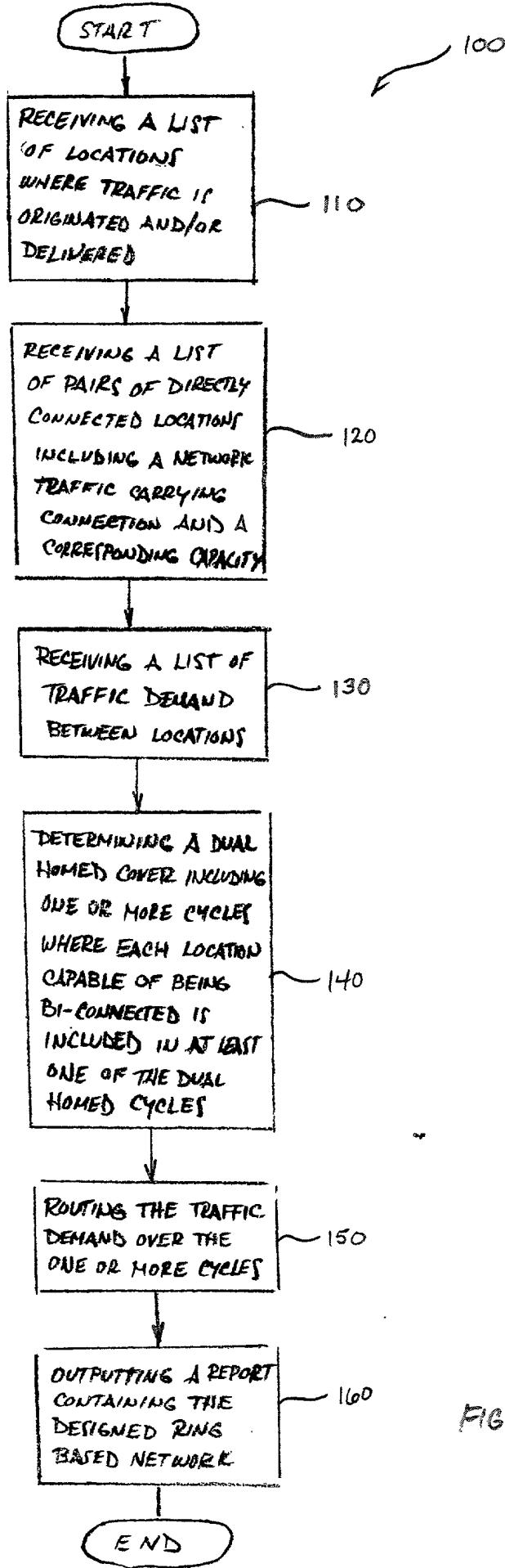


FIG. 3



LOCATIONS	
	A
	B
	C
	D
E	

FIG. 5A

LOCATIONS DIRECTLY CONNECTED		TOTAL # FIBER	SPARE # FIBER
O	N	28	1
M	N	20	4
E	I	19	5
	

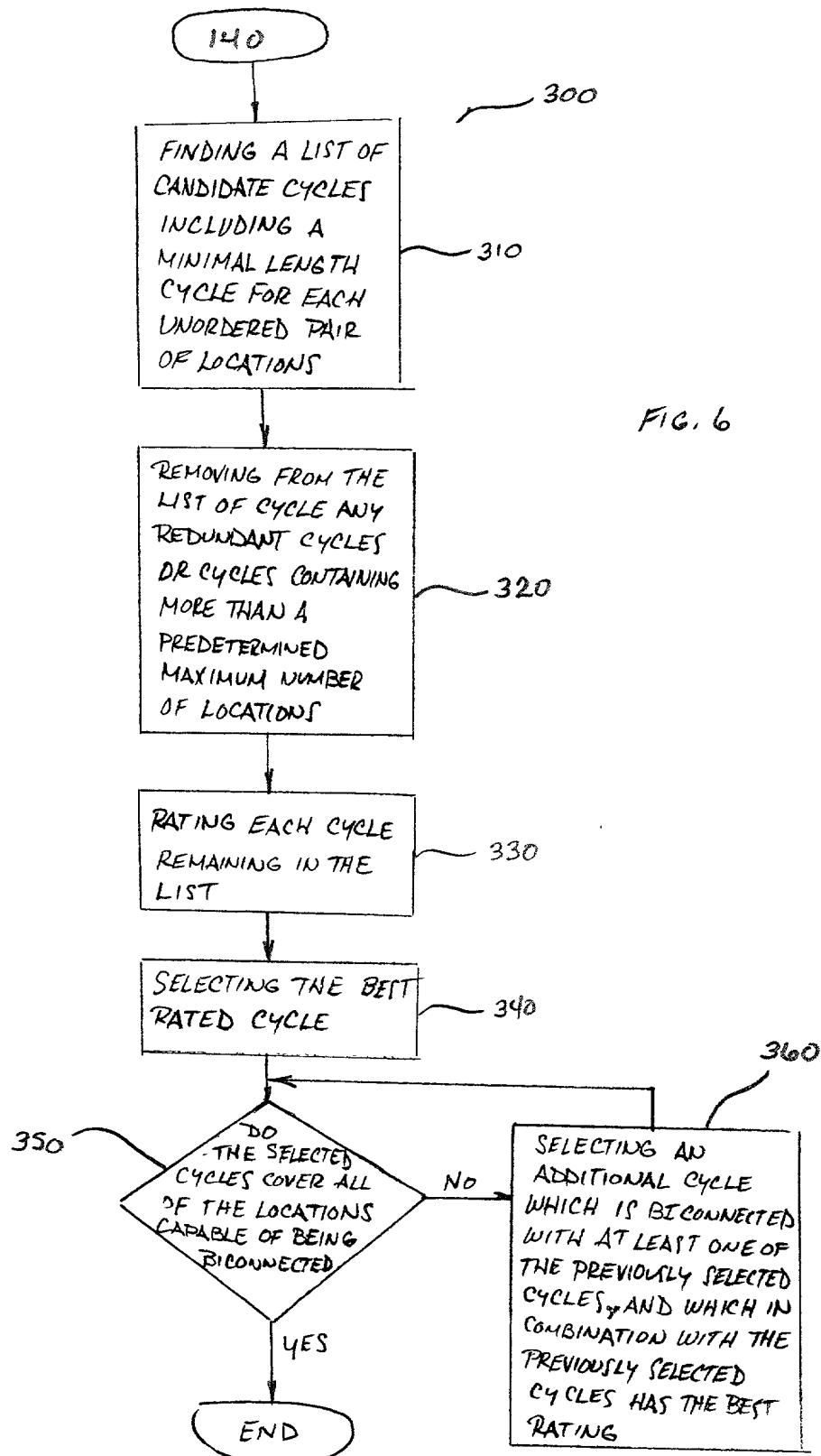
FIG. 5B

LOCATION PAIRS		TRAFFIC BETWEEN LOCATIONS
A	B	374
A	C	22
A	D	7
		...
		...

FIG. 5C

	A	B	C	D	E	F
A	-	374	22	7
B	374	-
C	22	...	-			
D	7	...				
E	...					

FIG. 5D



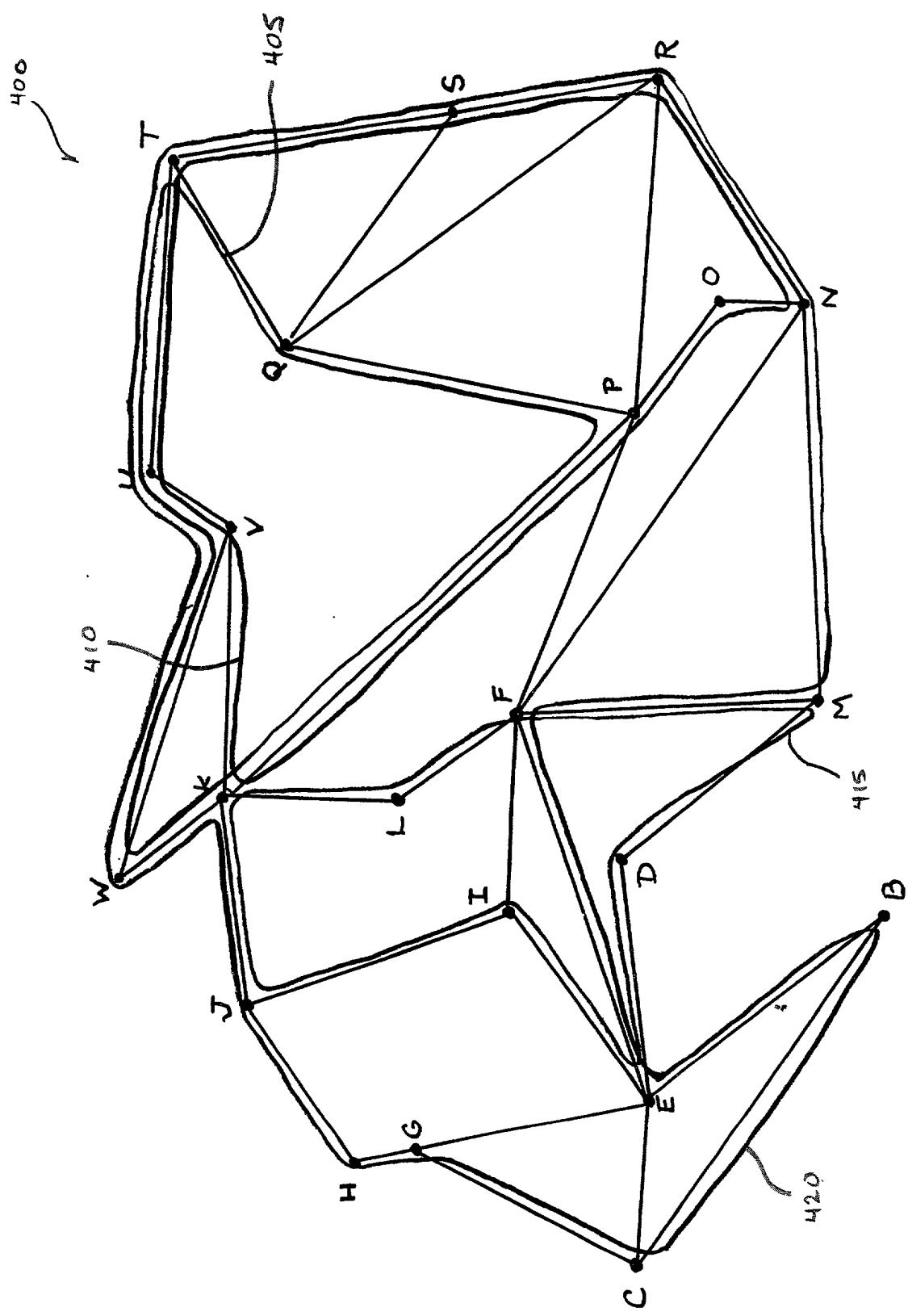
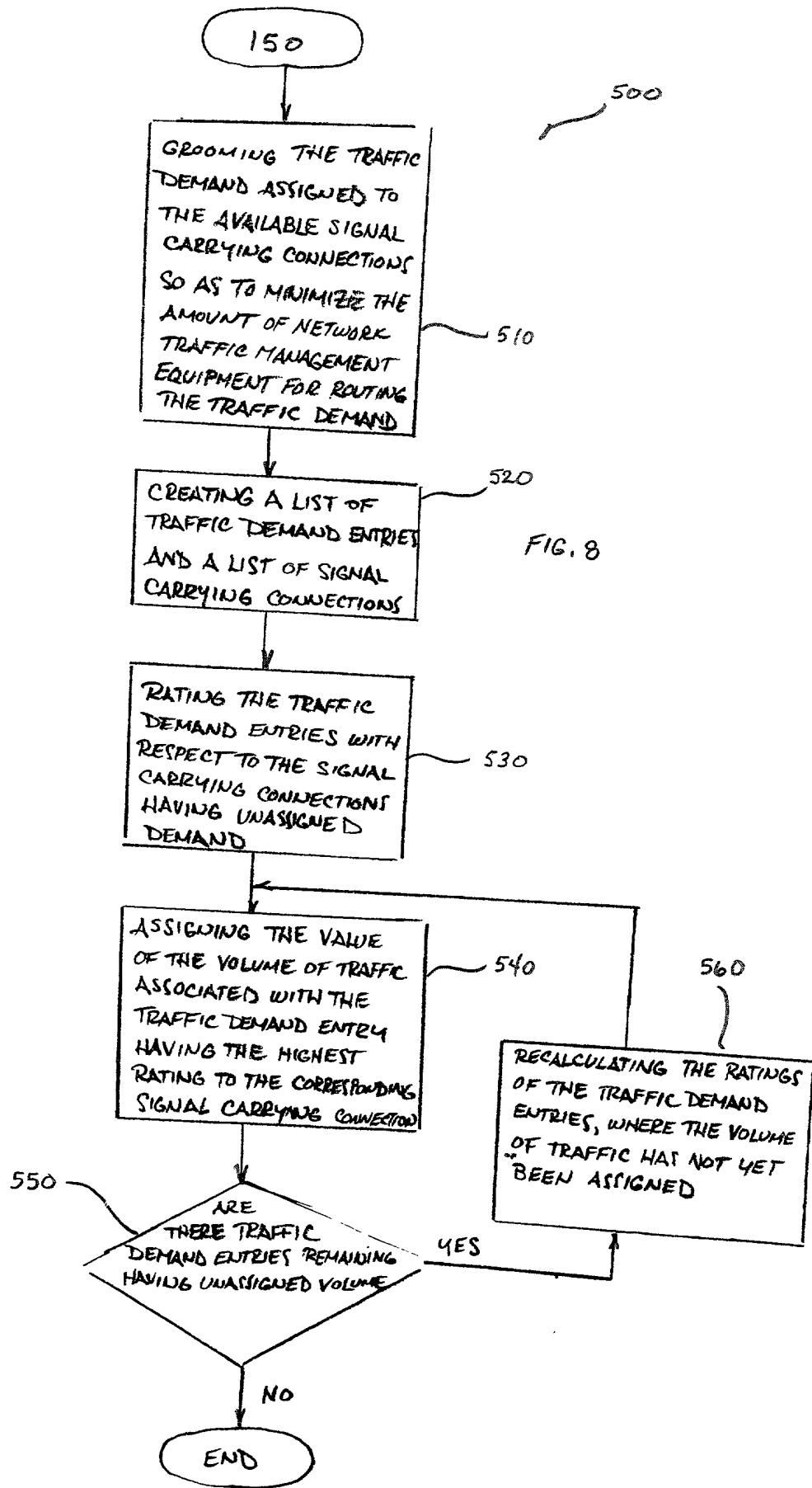


FIG. 7



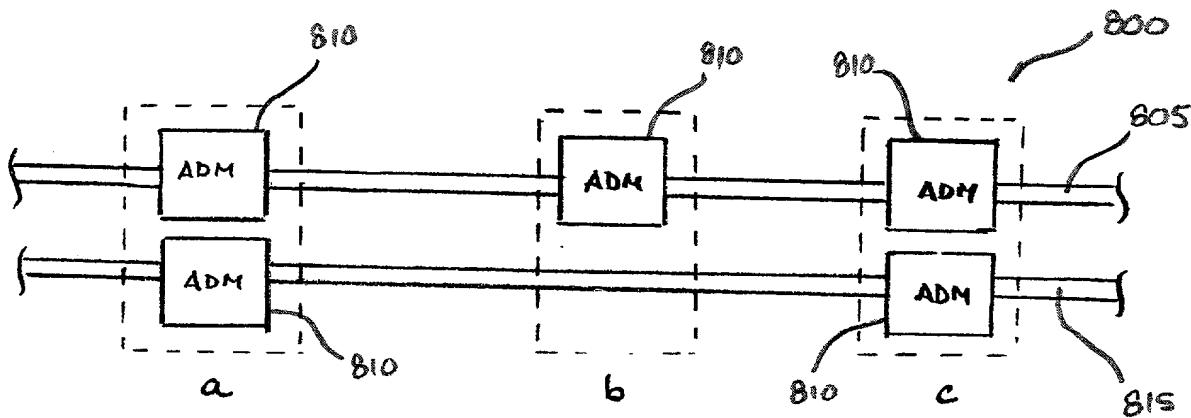


FIG. 12

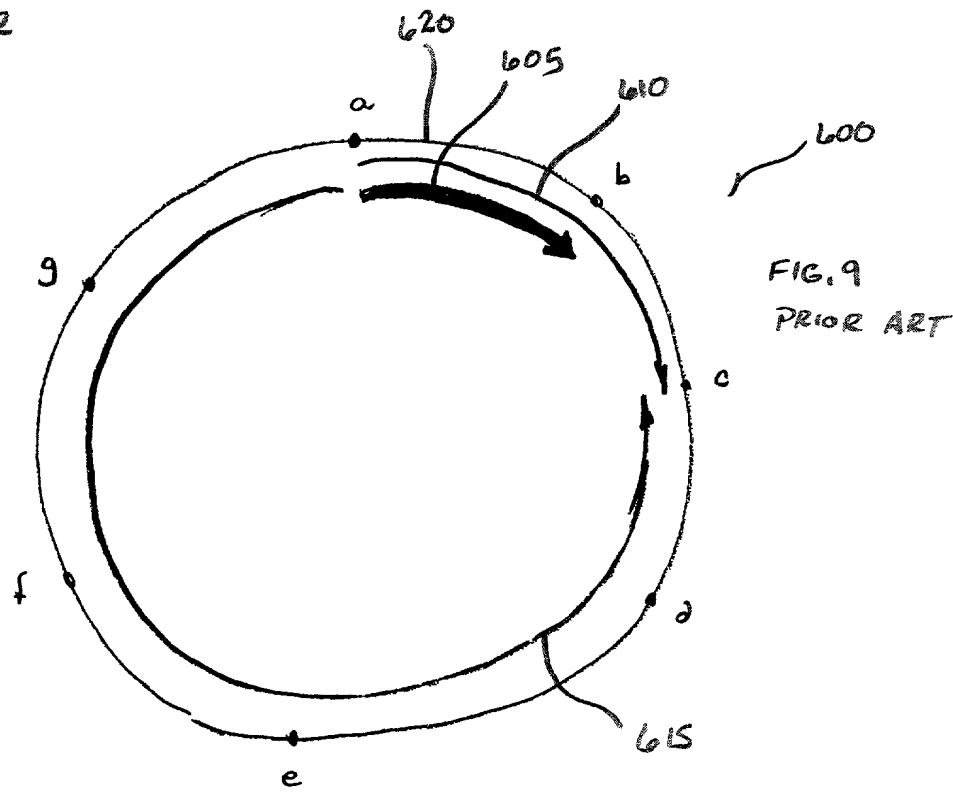


FIG. 9
PRIOR ART

